

## His tag polyclonal antibody (HRP)

Catalog # PAB31808

Size 100 ug

### Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against 6X His epitope tag peptide. The antibody is conjugated with Horseradish Peroxidase (HRP).
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to His tag.
<b>Sequence</b>	HHHHHH
<b>Host</b>	Rabbit
<b>Specificity</b>	This affinity purified antibody is directed against the 6X His motif and is useful in determining its presence in various assays. This polyclonal anti-6X His-tag antibody detects over-expressed proteins containing the 6X His epitope tag. To date, this antibody has reacted with all His-tagged proteins tested. In western blotting of bacterial extracts, the antibody does not cross-react with endogenous proteins. The antibody recognizes the His-tag (His-His-His-His-His-His) fused to either the amino- or carboxy-termini of targeted proteins in transfected or transformed cells.
<b>Form</b>	Lyophilized
<b>Conjugation</b>	HRP
<b>Preparation Method</b>	This antibody was purified from whole rabbit serum prepared by repeated immunizations with 6X His epitope tag peptide H-H-H-H-H-H conjugated to KLH using maleimide.
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	ELISA (1:5000) Immunohistochemistry (1:500-1:2000) Western Blot (1:2000-1:5000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	Lyophilized from 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2 (10 mg/mL BSA (immunoglobulin and protease free), 0.01% (w/v) gentamicin sulfate). Do NOT add sodium azide!

**Storage Instruction**

Store vial at 4°C prior to restoration.

After reconstitution with 100 uL deionized water (or equivalent), aliquot contents and freeze at -20°C or below for extended storage.

Aliquot to avoid repeated freezing and thawing.

Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use.

## Applications

- Western Blot
- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay